

DEVAL L. PATRICK GOVERNOR TIMOTHY P. MURRAY LIEUTENANT GOVERNOR JUDYANN BIGBY, MD SECRETARY JOHN AUERBACH

COMMISSIONER

The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

10/07/2010

Jeremy Bucci Assistant District Attorney, Suffolk County

Dear ADA Bucci,

Enclosed is the information you requested in regards to Commonwealth vs. Included are copies of the following:

- 1. Drug Analysis Laboratory Receipt.
- 2. Control Card with analytical results for sample #
- 3. Analysis sheets with chemist's hand notations and test results.
- 4. Fourier Transform Infrared Spectroscopy (FTIR) analytical data for sample # (Confirmatory Test)
- 5. GC/Mass Spectral analytical data for sample #

Annie Khan (Dookhan) was the custodial chemist and performed the preliminary testing, net weight and confirmatory testing by IR for this sample. Kate Corbett analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Khan (Dookhan)

Chemist II

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6631

Annie.Khan@state.ma.us

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625 Department of Public Health
State Laboratory Institute
Amherst Drug Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Boston Hours

8:00-11:00

DRUG RECEIPT

Amherst Hours

9:00 - 12:00

2:00 - 4:00	,	1:00 - 3:00
City or Department:	Police Reference No.:	
Name and Rank of Submitting Officer:	MeManus Detect.	ve
Defendant(s) Name (last, first, initial):		
To be completed by Submitter Description of Items Submitted	To be completed by Gross Weight	
		* - * * * * * * * * * * * * * * * * * *
3 P/b" crack Cocaine	0 36,7/2	
		*
eceived by:	Date:	9-30-10

Date Analyzed: 664

City: Boston Police Dept.

Officer: Detective STEPHEN MCMANUS

Def: DAVIS, HERBERT

Amount:

Subst: SUB

No. Cont:

Cont: pb

Date Rec'd: 09/30/2010

No. Analyzed:

Net Weight: 9-89

Gross Wt.:

36.71

#Tests: \&

Prelim: Cocana (C)

Findings:

DRUG POWDER ANALYSIS FORM

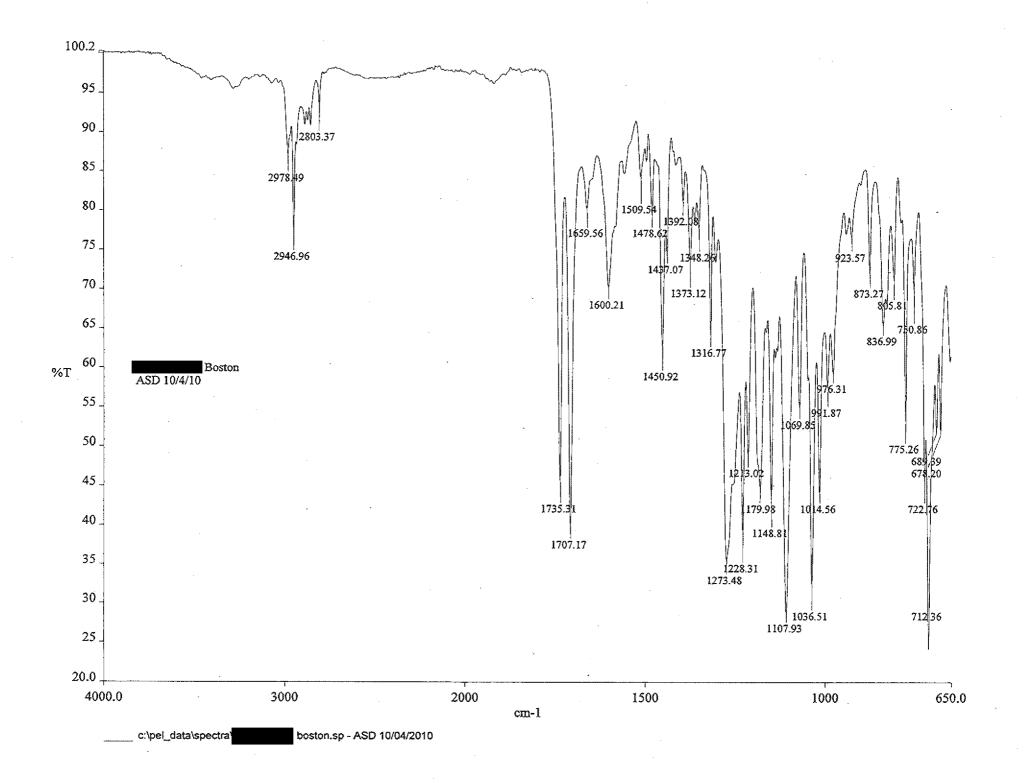
No. of samples tested:	AGENCY	BUSKO	ANALYSTEvidence Wt	450
PHYSICAL DESCRIPTION:	\		Gross Wt(3):_	
off while (13602.	47 8400(G	Pkg. Wt:_	
				->
PRELIMINARY TESTS Spot Tests			Microcrystalline Test	<u> </u>
Cobalt Thiocyanate (—) +			Gold hloride +	
3 Marquis			TLTA (→) ← OTHER TESTS	
3 Mecke's		3 78		
PRELIMINARY TEST RESULT			ims confirmatory	
DATE 10-1-10	,		MS ATOR (CC) DATE 10-C(-1	

samples tested;

#	Gross Weight	Packet Weight	Net Weight	#	Gross Welght	Packet Welght	Net Welght
1	3.2785	0.2072	3.6013	26	> Kno Heal		
2_	3.5888	0.2056	3.3832	27			
3	3.6091	0-1685	3.4406	28	- oppned.	non unterprise and a district of the second	
4		- 		29			
5_	water the second se	nggganandagggan di kinaman di kidaba da kidabi di kidabi di kidabi da kidabi di kidabi di kidabi di kidabi di k	the Address of the Ad	30		00000000000000000000000000000000000000	
6				31			
7			***************************************	32			
8				33			
9				34		1000 1000 100 100 100 100 100 100 100 1	
10	, , , , , , , , , , , , , , , , , , ,	no Walt		35			
11				36			
12				37			
13				38		10/10	
14				39		:	
15				40			
16				41		and the second s	
17			<u>,</u>	42		**************************************	, 4 504 44400000000000000000000000000000
18				43			
19				44		ooggeeneeds to the second of t	
20			1 11000	45			
21				46			
22				47			
23				48		SAANAA MARAA M	
24			goodelistation opposition	49			-,-,,
25				50			Last cu reconscione de la conscione de la cons

Calculations:

New = 9.8951



Unknown: C:\pel_data\spectra Library: C:\pel_data\libs\DL.idx

Boston.sp

Euclidean Hit List:

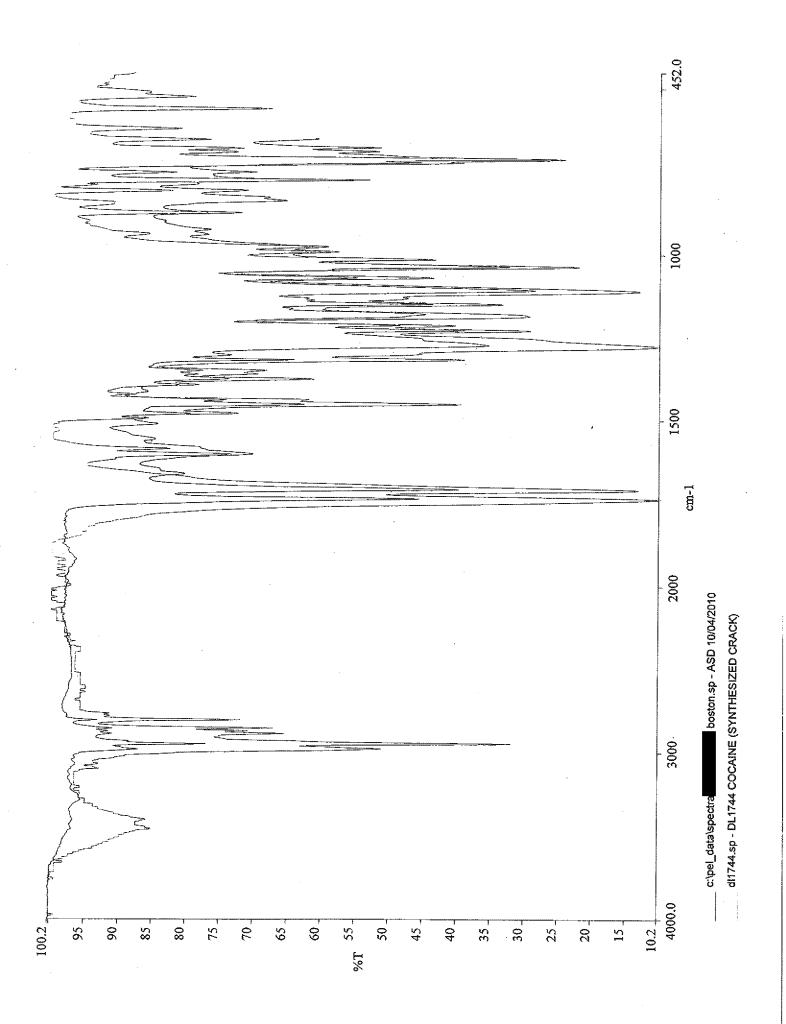
0.844 DL1744 COCAINE (SYNTHESIZED CRACK)
0.810 DL0178 COCAINE IN KBr

0.629 DL0209 COCAINE HCI IN KBr (MERCK)-SAMPLE CONTAINS WATER-METHANOL MIXTURE

Selected Range: 4000.00 - 652.00 cm-1

No Blank Regions:

The Georgia State Crime Laboratory



Date: Mon Oct 04 2010

Jnknown: C:\pel_data\spectra .ibrary: C:\pel_data\libs\DL.idx

Boston.sp

Euclidean Hit List:

0.837 DL1744 COCAINE (SYNTHESIZED CRACK)

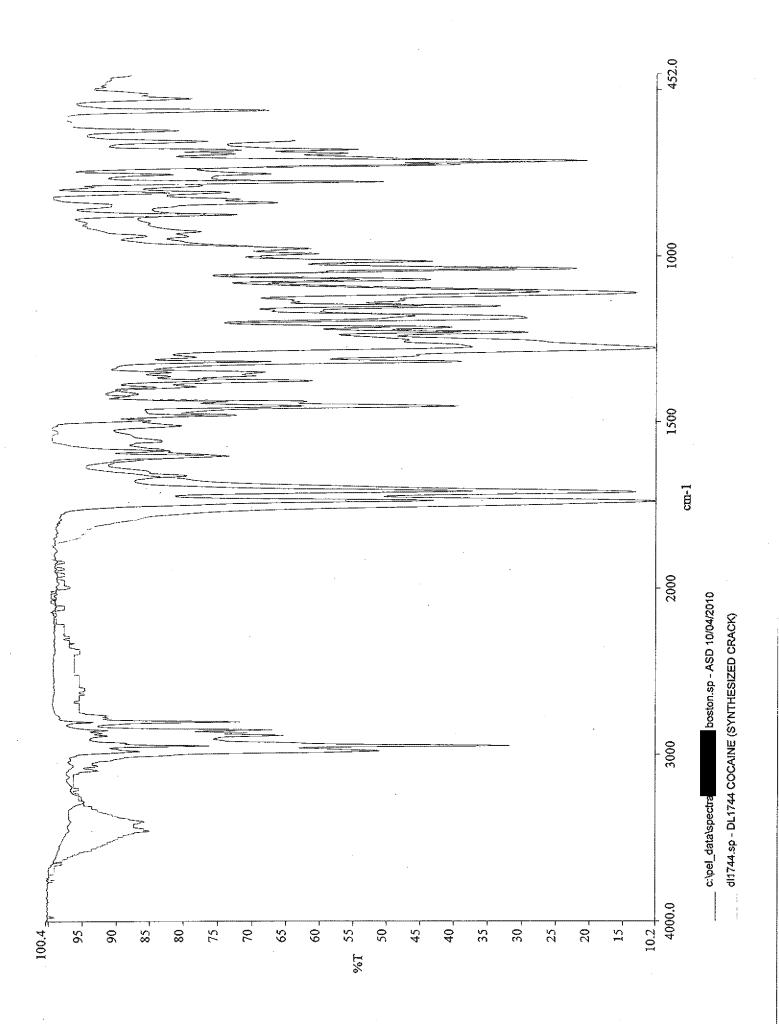
0.803 DL0178 COCAINE IN KBr

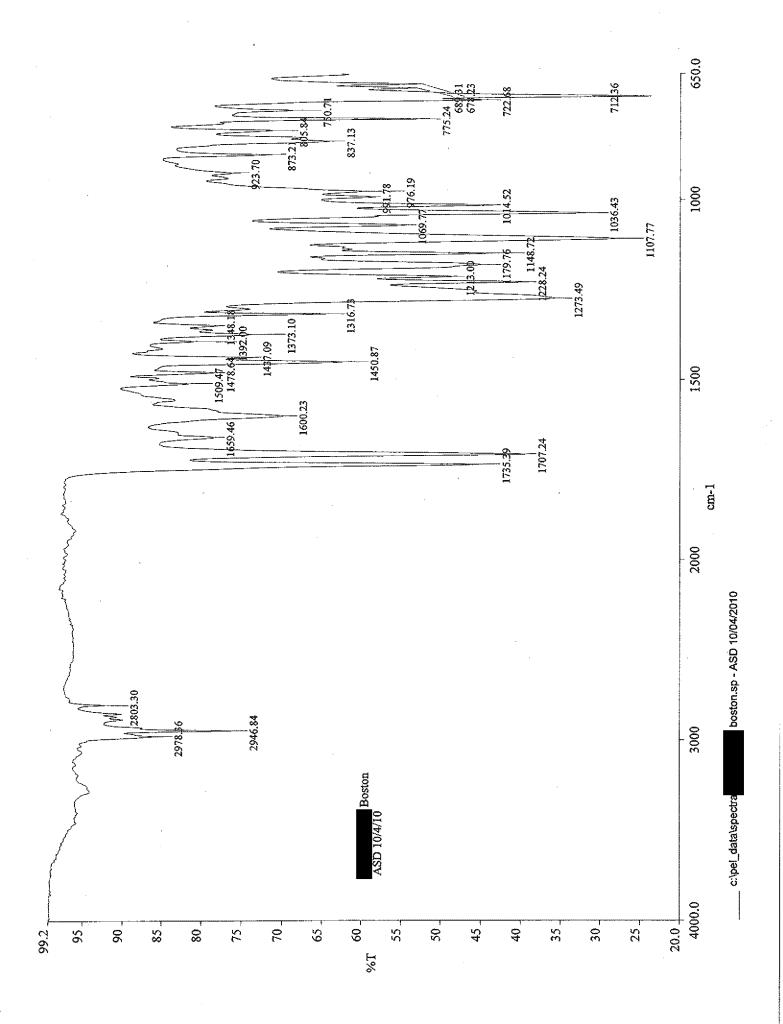
0.628 DL0209 COCAINE HCI IN KBr (MERCK)-SAMPLE CONTAINS WATER-METHANOL MIXTURE

Selected Range: 4000.00 - 652.00 cm-1

No Blank Regions:

The Georgia State Crime Laboratory





Boston.sp

Euclidean Hit List:

0.840 DL1744 COCAINE (SYNTHESIZED CRACK)

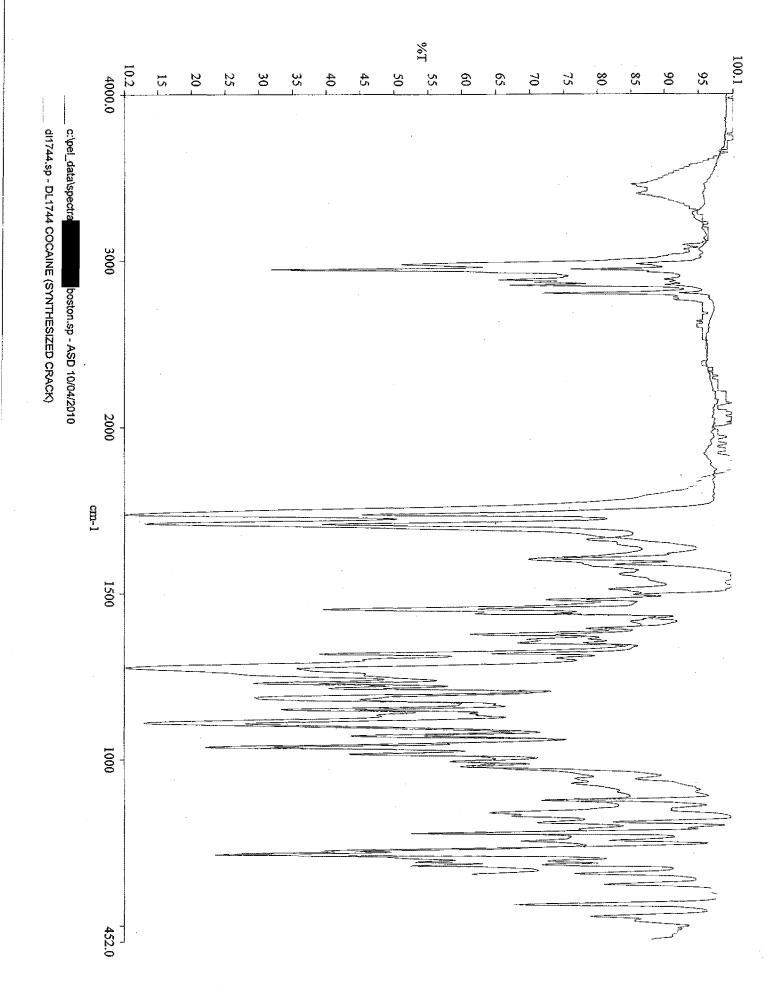
0.805 DL0178 COCAINE IN KBr

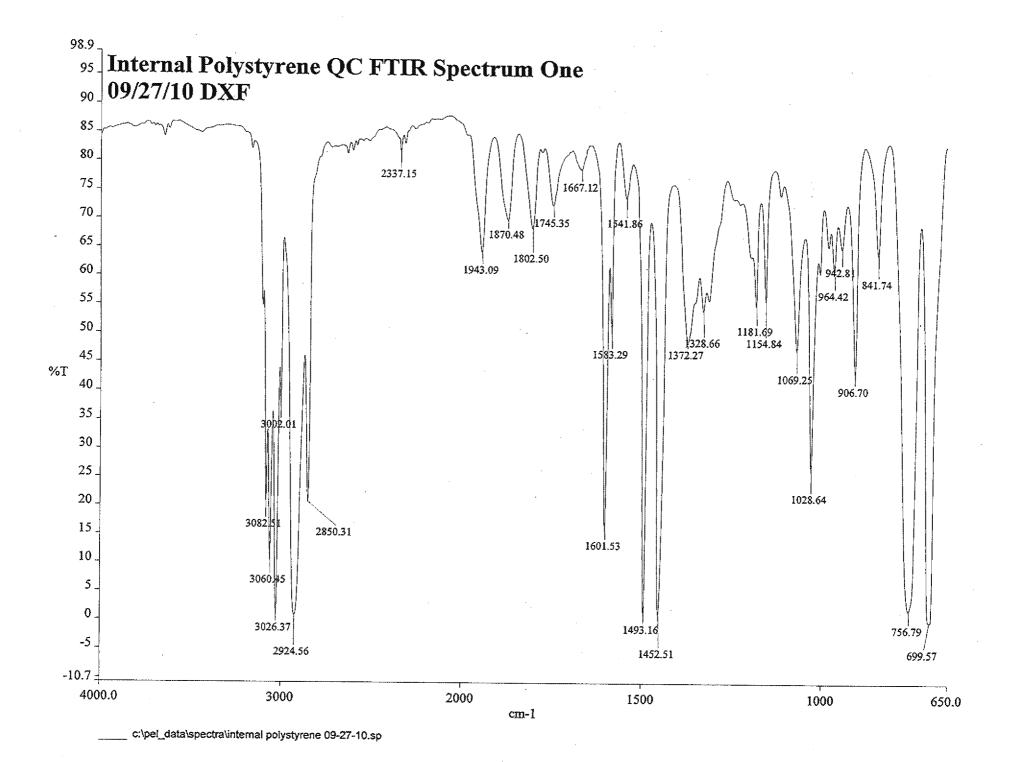
0.630 DL0209 COCAINE HCI IN KBr (MERCK)-SAMPLE CONTAINS WATER-METHANOL MIXTURE

Selected Range: 4000.00 - 652.00 cm-1

No Blank Regions:

The Georgia State Crime Laboratory





SEARCH REPORT

Date: Mon Sep 27 2010

Jnknown: C:\pc._data\spectra\Internal Polystyrene 09-27-10.sp

.ibrary: C:\pel_data\libs\DL.idx

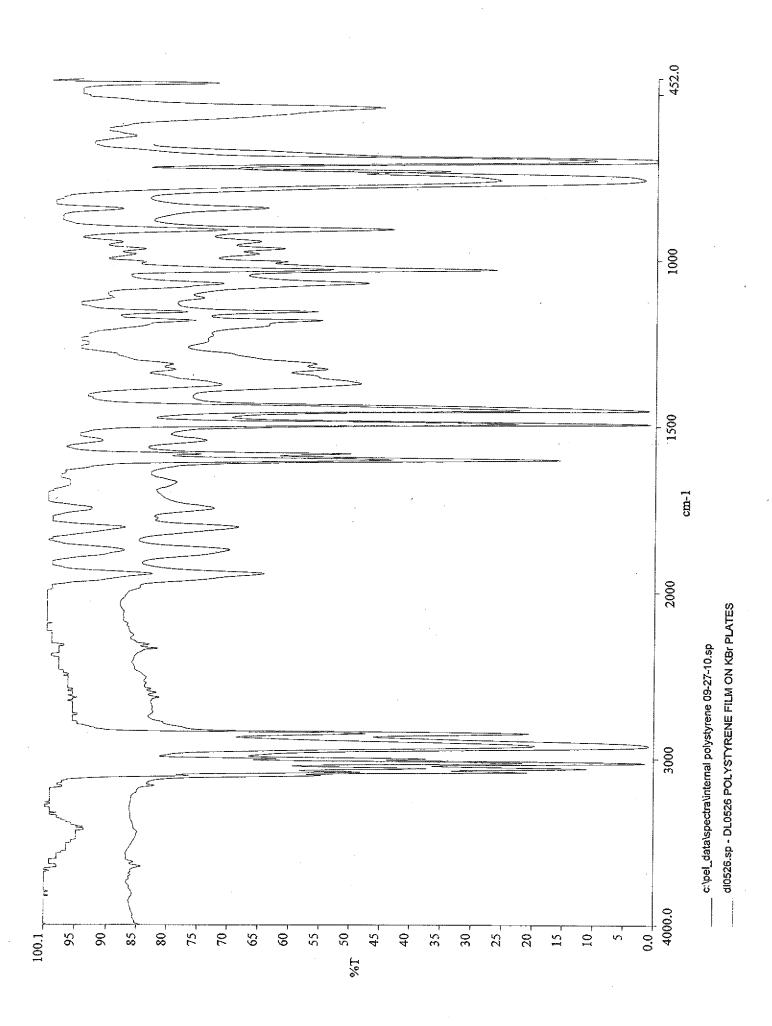
Euclidean Hit List:

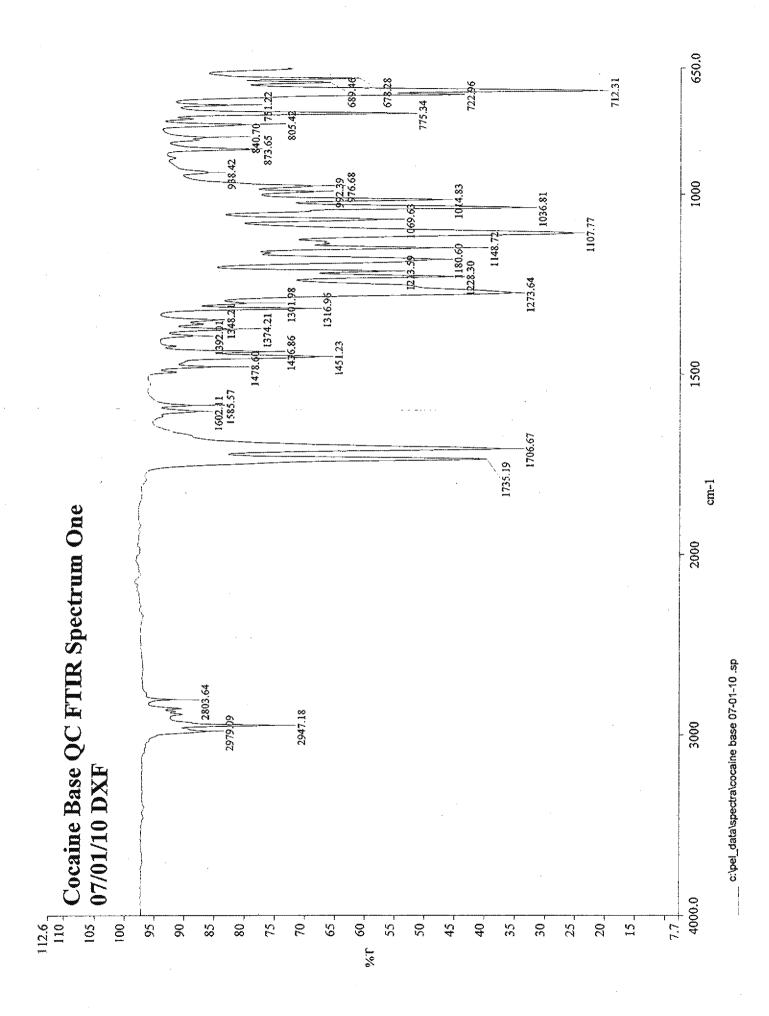
0.925 DL0526 POLYSTYRENE FILM ON KBr PLATES
0.650 DL1310 PRENYLAMINE IN KBr-BASIC EXTRACT OF LACTATE SALT
0.577 DL0195 (1-PHENYLCYCLOHEXYL)ETHYLAMINE IN KBr

Selected Range: 4000.00 - 652.00 cm-1

No Blank Regions:

The Georgia State Crime Laboratory





EARCH REPORT

Date: Thu Jul 01 2010

Inknown: C:\per_data\spectra\cocaine base 07-01-10 .sp

.ibrary: C:\pel_data\libs\DL.idx

Euclidean Hit List:

).874 DL1744 COCAINE (SYNTHESIZED CRACK)

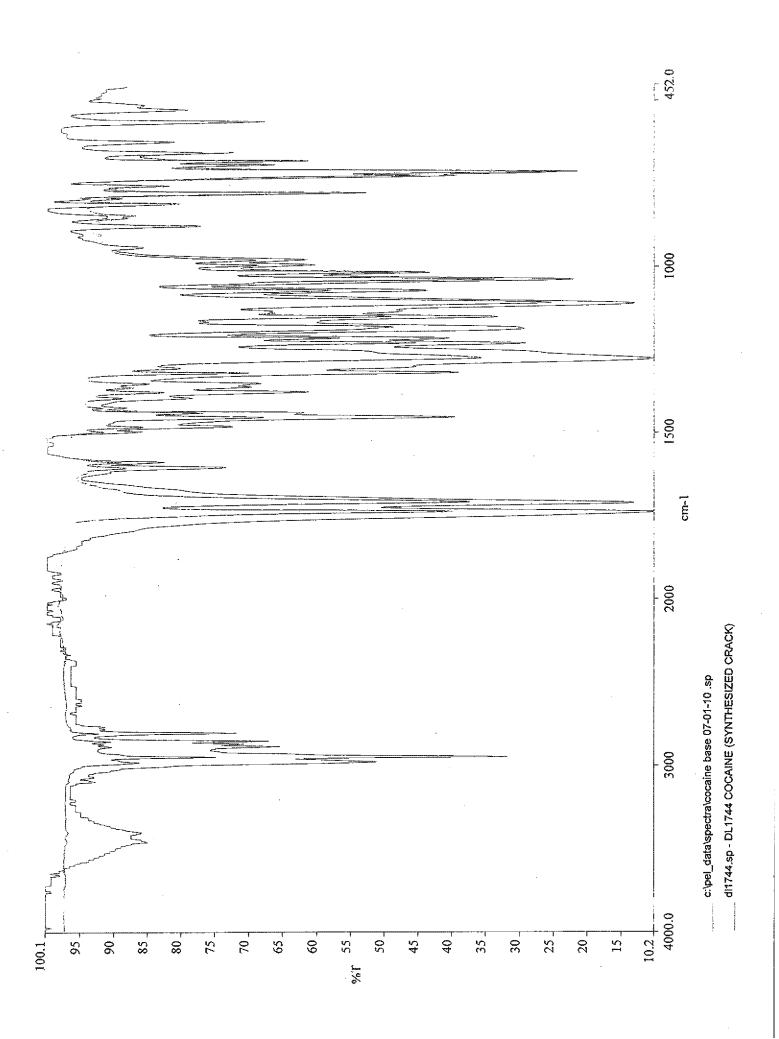
0.839 DL0178 COCAINE IN KBr

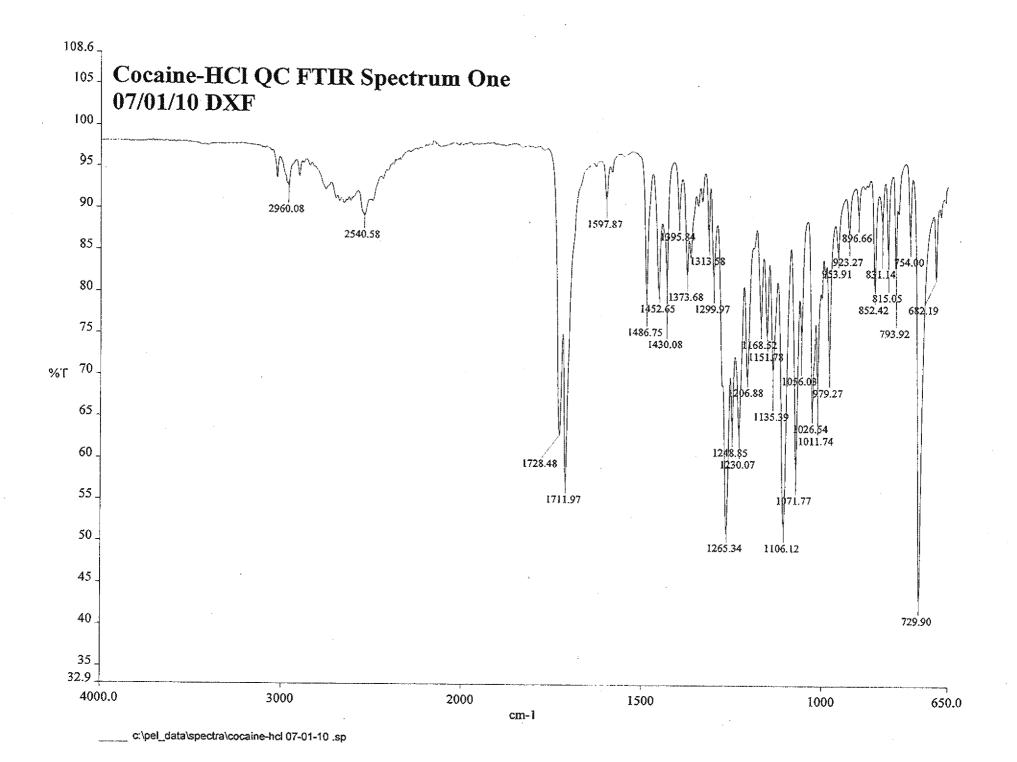
).646 DL0209 COCAINE HCI IN KBr (MERCK)-SAMPLE CONTAINS WATER-METHANOL MIXTURE

Selected Range: 4000.00 - 652.00 cm-1

Vo Blank Regions:

he Georgia State Crime Laboratory





EARCH REPORT

Date: Thu Jul 01 2010

nknown: C:\p-_data\spectra\cocaine-hcl 07-01-10 .sp

brary: C:\pel_data\libs\DL.idx

uclidean Hit List:

1.846 DL1372 COCAINE HCI (ANHYDROUS) IN KBr FROM MALLINCKRODT LOT TVE-FIRST SAMPLE

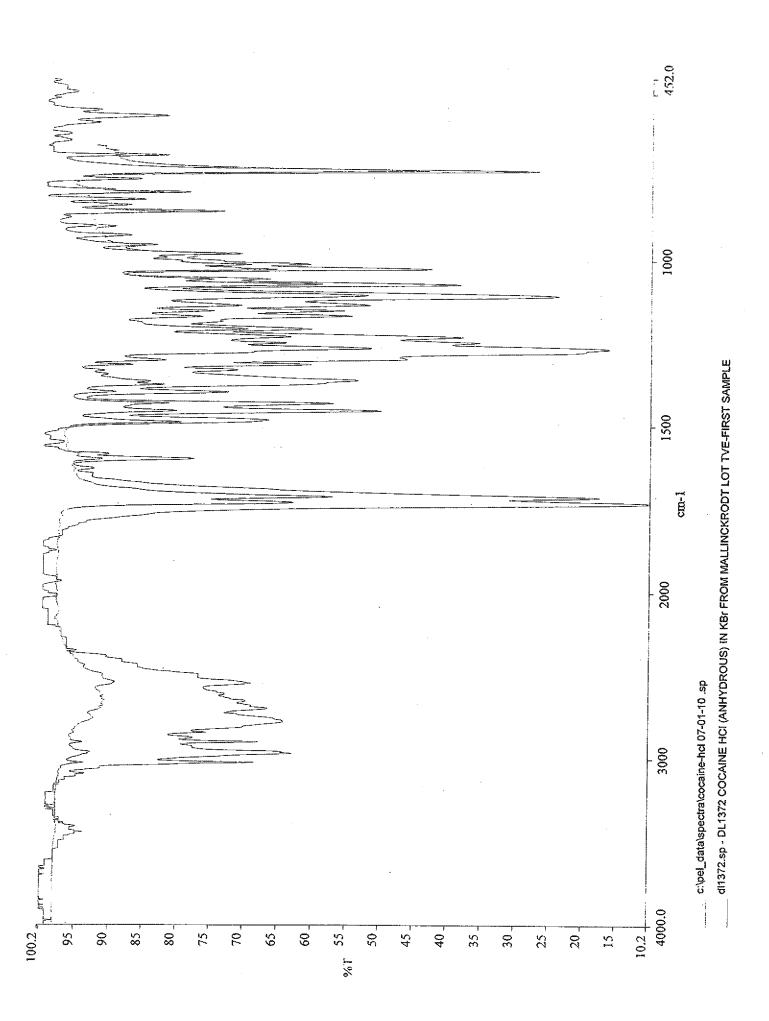
1.840 DL1373 COCAINE HCI (ANHYDROUS) IN KBr

1.818 DL0001 COCAINE HOLIN KBr

Selected Range: 4000.00 - 652.00 cm-1

lo Blank Regions:

he Georgia State Crime Laboratory



DRUG LABMS CONTROL SHEET (DEO)-10 COCCUE

VIALS RECEIVED 10 110 IN VAC DATE (S) ANALYZED

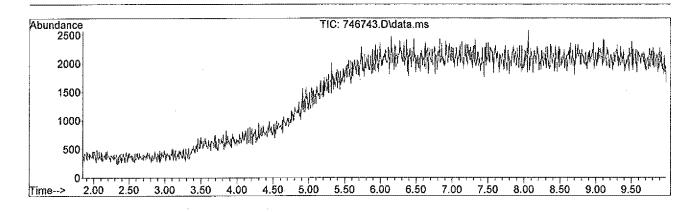
RESULTS SAMPLE # AGENCY MS RT/MQ COMMENTS (MS) PRELIM COMMENTS BYID BOZTEU متسته -3

File Name : C:\msdchem\1\System7\10_01_10\746743.D

Operator : ASD

Date Acquired : 1 Oct 2010 23:06

Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time Area Area % Ratio %

NO INTEGRATED PEAKS

10.07.10

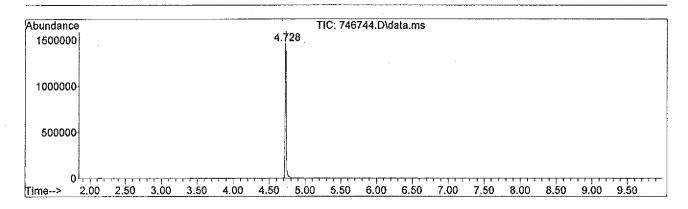
File Name : C:\msdchem\1\System7\10_01_10\746744.D

Operator : ASD

Date Acquired : 1 Oct 2010 23:19

Sample Name : COCAINE STD

Submitted by : ASD
Vial Number : 44
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.728	1621175		100.00

File Name : C:\msdchem\1\System7\10 01 10\746744.D

Operator : ASD

Date Acquired : 1 Oct 2010 23:19

COCAINE

Sample Name : COCAINE STD

Submitted by : ASD Vial Number : 44 AcquisitionMeth: DRUGS.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85

C:\Database\PMW_TOX2.L Minimum Quality: 85

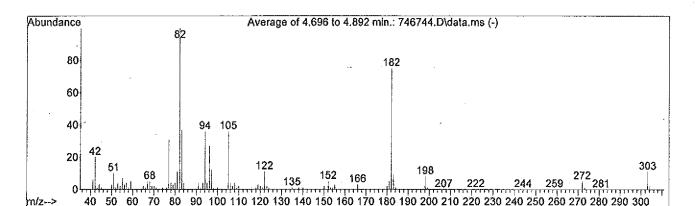
000050-36-2

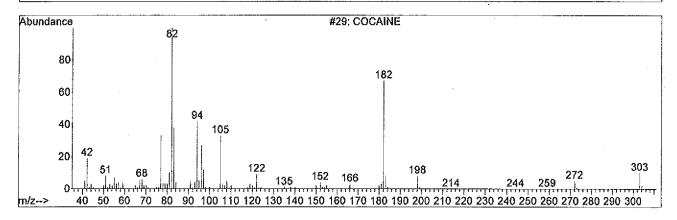
99

C:\Database\NISTO5a.L

PK# RT Library/ID CAS# Qual

1 4.73 C:\Database\SLI.L





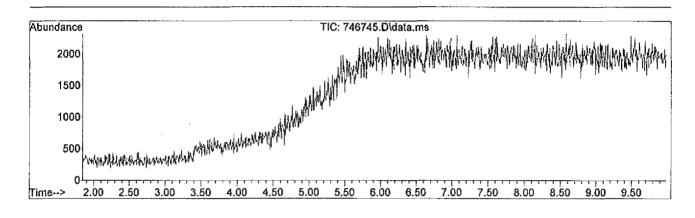
File Name : C:\msdchem\1\System7\10 01 10\746745.D

Operator : ASD

Date Acquired : 1 Oct 2010 23:31

Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS

AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time Area Area % Ratio %

NO INTEGRATED PEAKS

File Name : C:\msdchem\1\System7\10_01_10\746746.D

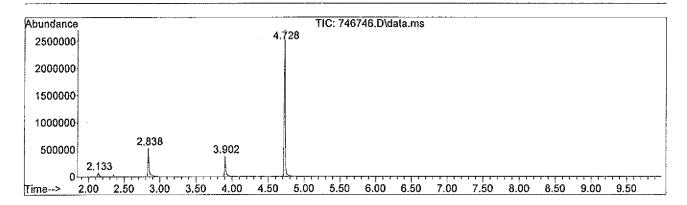
Operator : ASD

Date Acquired : 1 Oct 2010 23:44

Sample Name : Submitted by : ASD Vial Number : 46

AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.133	118391	2.83	4.17	
2.838	706108	16.88	24.85	
3.902	517223	12.37	18.20	
4.728	2841199	67.92	100.00	

File Name : C:\msdchem\1\System7\10 01 10\746746.D

Operator : ASD

Date Acquired : 1 Oct 2010 23:44

Sample Name : Submitted by : ASD

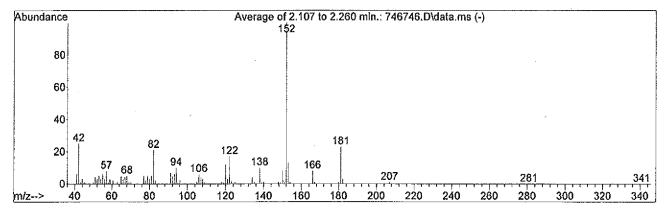
Vial Number : 46 AcquisitionMeth: DRUGS.M

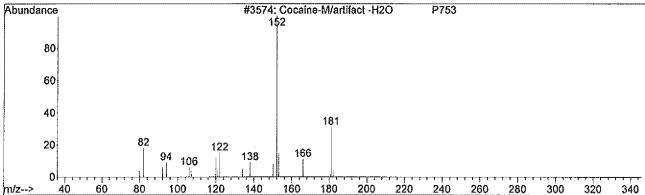
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85

C:\Database\PMW_TOX2.L Minimum Quality: 85

PK#	RT	Library/ID	CAS#	Qual
1	2.13	C:\Database\PMW_TOX2.L Cocaine-M/artifact -H2O Vanillin AC	00000-00-0 00000-00-0	95 38
		Metipranolol-M/artifact AC		17





File Name : C:\msdchem\1\System7\10_01 10\746746.D

Operator : ASD

Date Acquired : 1 Oct 2010 23:44

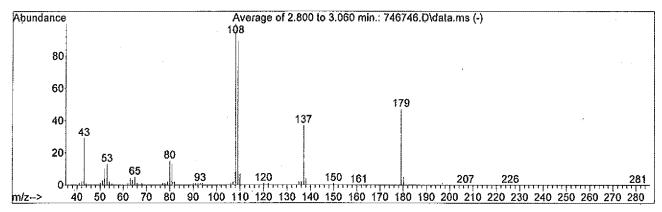
Sample Name : Submitted by : A

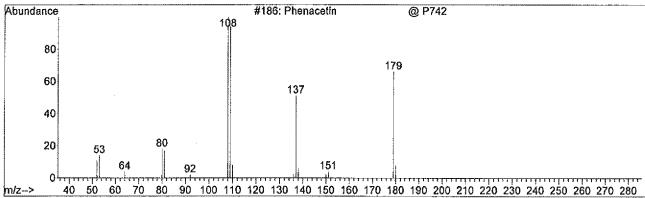
Submitted by : ASD
Vial Number : 46
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 85 C:\Database\PMW TOX2.L Minimum Quality: 85

PK#	RT	Library/ID		CAS#	Qual
2	2.84	C:\Database\PMW_TOX2.L Phenacetin Bucetin p-Phenetidine	_	000062-44-2 001083-57-4 000156-43-4	95 38 30





File Name : C:\msdchem\1\System7\10 01 10\746746.D

Operator : ASD

Date Acquired : 1 Oct 2010 23:44

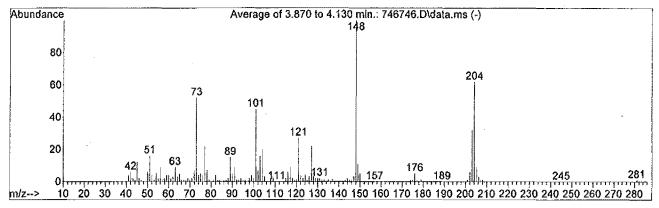
Sample Name :

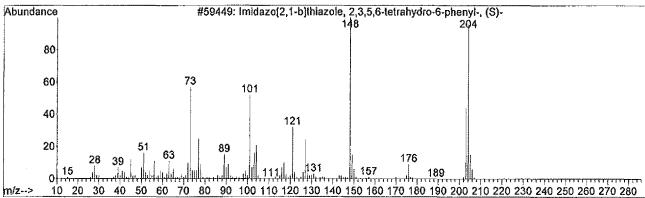
Submitted by : ASD
Vial Number : 46
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85

C:\Database\PMW_TOX2.L Minimum Quality: 85

_	PK#	RT	Library/ID		CAS#	Qual
	3	3.90	C:\Database\NIST05a.L			
			<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	014769-73-4	98
			<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	006649-23-6	98
			<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	006649-23-6	98





File Name : C:\msdchem\1\System7\10 01 10\746746.D

Operator : ASD

Date Acquired : 1 Oct 2010 23:44

Sample Name : Submitted by : ASD

Vial Number : 46 AcquisitionMeth: DRUGS.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 85
C:\Database\PMW TOX2.L Minimum Quality: 85

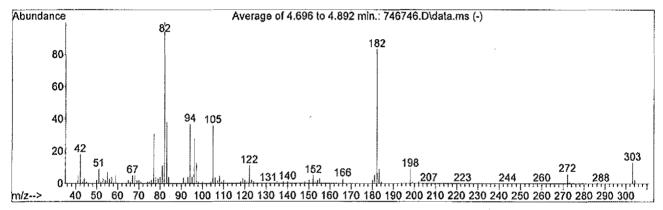
C:\Database\NISTO5a.L

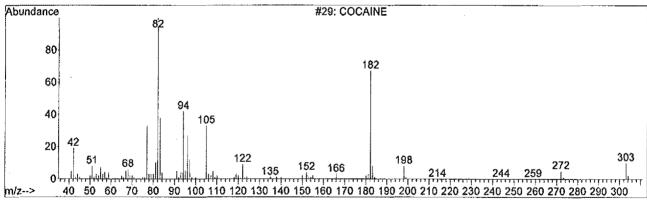
PK# RT Library/ID CAS# Qual

4 4.73 C:\Database\SLI.L COCAINE

000050-36-2

99





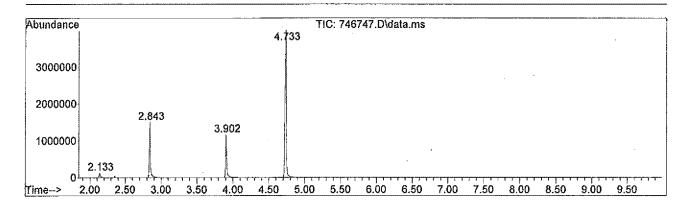
File Name : C:\msdchem\1\System7\10_01_10\746747.D

Operator : ASD

Date Acquired : 1 Oct 2010 23:57

Sample Name : Submitted by : ASD Vial Number : 47

AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.133 2.843 3.902 4.733	189818 1701606 1417683 5404620	2.18 19.53 16.27 62.02	3.51 31.48 26.23 100.00	

File Name : C:\msdchem\1\System7\10_01_10\746747.D

Operator : ASD

Date Acquired : 1 Oct 2010 23:57

Sample Name : Submitted by : ASD Vial Number : 47

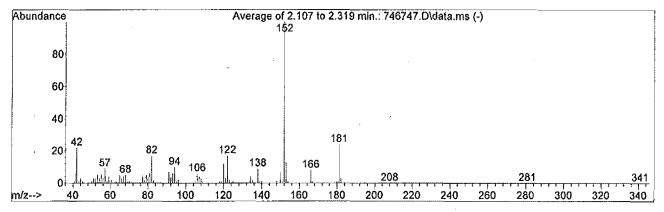
AcquisitionMeth: DRUGS.M

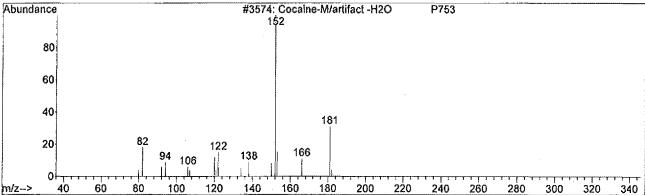
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85

C:\Database\PMW_TOX2.L Minimum Quality: 85

PK#	RT	Library/ID		CAS#	Qual
1	2.13	C:\Database\PMW TOX2.L			
		Cocaine-M/artifact -H2O		000000-00-0	96
		MDA-M (desmethylenyl-methyl-)	ME (0-00-00-00	40
		Metipranolol-M/artifact AC		000000-00-0	25





File Name : C:\msdchem\1\System7\10 01 10\746747.D

Operator : ASD

Date Acquired : 1 Oct 2010 23:57

Sample Name : Submitted by :

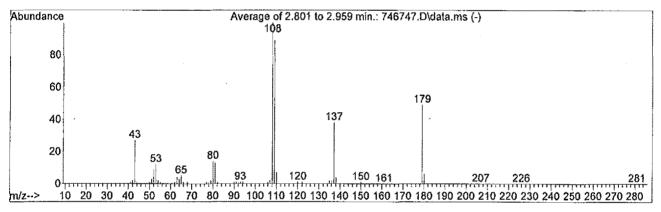
Submitted by : ASD
Vial Number : 47
AcquisitionMeth: DRUGS.M
Integrator : RTE

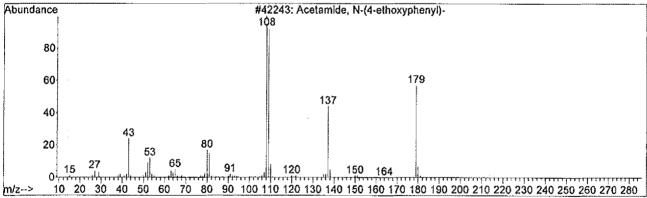
Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 85 C:\Database\PMW TOX2.L Minimum Quality: 85

C:\Database\NIST05a.L

PK# RT Library/ID CAS# Qual 2 2.84 C:\Database\NIST05a.L 000062-44-2 Acetamide, N-(4-ethoxyphenyl)-98 Acetamide, N-(4-ethoxyphenyl)-000062-44-2 98 Acetamide, N-(4-ethoxyphenyl)-000062-44-2 98





File Name : C:\msdchem\1\System7\10_01_10\746747.D

Operator : ASD

Date Acquired : 1 Oct 2010 23:57

Sample Name : Submitted by : Vial Number :

: ASD : 47

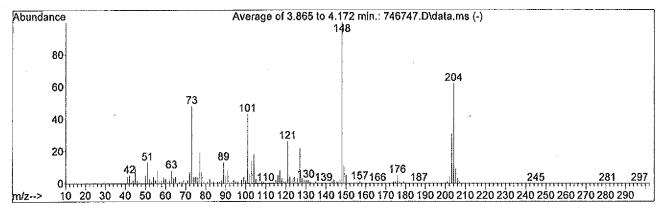
AcquisitionMeth: DRUGS.M Integrator : RTE

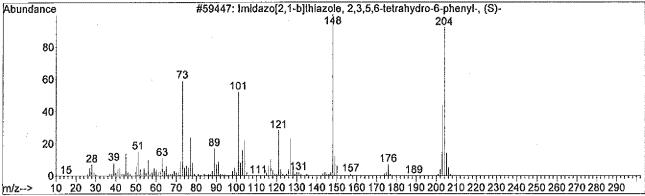
Search Libraries: C:\Database\SLI.L Minimum Quality: 85

C:\Database\PMW_TOX2.L Minimum Quality: 85

C:\Database\NISTO5a.L

PK#	RT	Library/ID		CAS#	Qual
3	3.90	C:\Database\NIST05a.L Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	99 99 98





File Name : C:\msdchem\1\System7\10 01 10\746747.D

Operator : ASD

Date Acquired : 1 Oct 2010 23:57

: RTE

Sample Name :
Submitted by : ASD
Vial Number : 47
AcquisitionMeth: DRUGS.M

Integrator

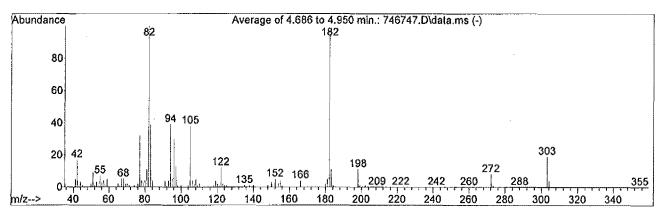
Search Libraries: C:\Database\SLI.L Minimum Qual

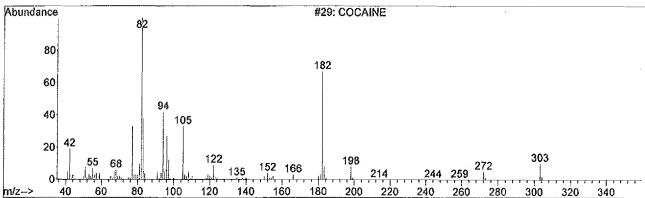
C:\Database\SLI.L Minimum Quality: 85
C:\Database\PMW_TOX2.L Minimum Quality: 85

C:\Database\NIST05a.L

PK# RT Library/ID CAS# Qual

4 4.73 C:\Database\SLI.L COCAINE 000050-36-2 99





File Name : C:\msdchem\1\System7\10_01_10\746748.D

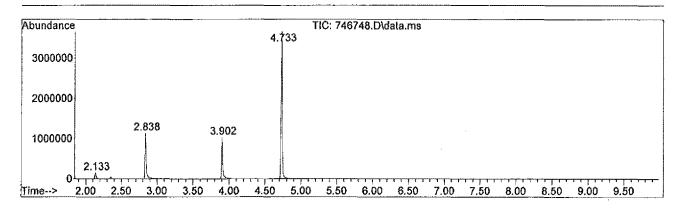
Operator : ASD

Date Acquired : 2 Oct 2010 00:09

Sample Name : Submitted by :

: ASD : 48

Vial Number : 48 AcquisitionMeth: DRUGS.M Integrator : RTE



Area	Area %	Ratio %	
218482	3.05	5.03	
1342582	18.75	30.89	
1253516	17.50	28.84	•
4346964	60.70	100.00	
	218482 1342582 1253516	218482 3.05 1342582 18.75 1253516 17.50	218482 3.05 5.03 1342582 18.75 30.89 1253516 17.50 28.84

File Name : C:\msdchem\1\System7\10 01 10\746748.D

Operator : ASD

Date Acquired : 2 Oct 2010 00:09

Sample Name : Submitted by : Vial Number :

PK#

: ASD : 48

AcquisitionMeth: DRUGS.M

Integrator : RTE

RT

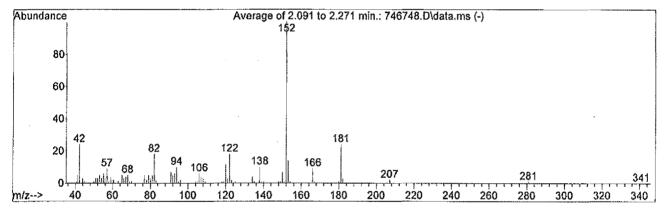
Search Libraries: C:\Database\SLI.L

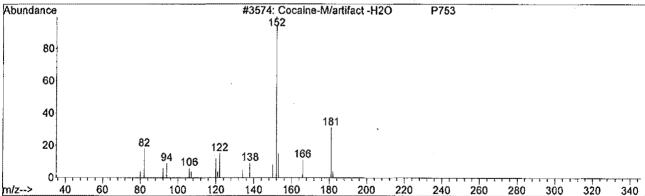
Minimum Quality: 85 Minimum Quality: 85

C:\Database\PMW_TOX2.L
C:\Database\NIST05a.L

Library/ID CAS# Qual

1 2.13 C:\Database\PMW_TOX2.L Cocaine-M/artifact -H2O 000000-00-0 97 Metipranolol-M/artifact AC 000000-00-0 37 MDA-M (desmethylenyl-methyl-) ME @ 000000-00-0 9





File Name : C:\msdchem\1\System7\10_01_10\746748.D

Operator : ASD

Date Acquired : 2 Oct 2010 00:09

Sample Name : Submitted by : ASD

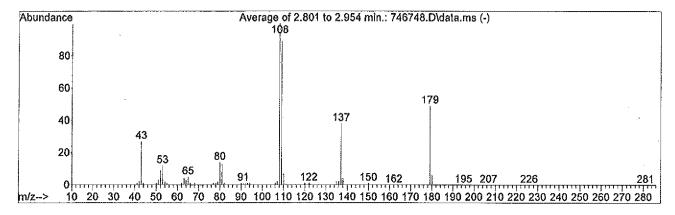
Vial Number : 48 AcquisitionMeth: DRUGS.M Integrator : RTE

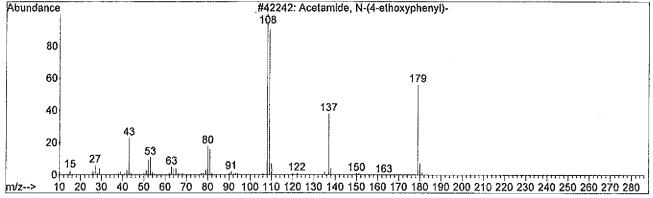
Search Libraries: C:\Database\SLI.L Minimum Quality: 85

C:\Database\PMW_TOX2.L Minimum Quality: 85

C:\Database\NISTO5a.L

 PK#	RT	Library/ID		CAS#	Qual
2	2.84	Acetamide,	\NIST05a.L N-(4-ethoxyphenyl)- N-(4-ethoxyphenyl)- N-(4-ethoxyphenyl)-	000062-44-2 000062-44-2 000062-44-2	98 98 98





File Name : C:\msdchem\1\System7\10 01 10\746748.D

Operator : ASD

Date Acquired : 2 Oct 2010 00:09

Sample Name Submitted by

Vial Number : 48 AcquisitionMeth: DRUGS.M

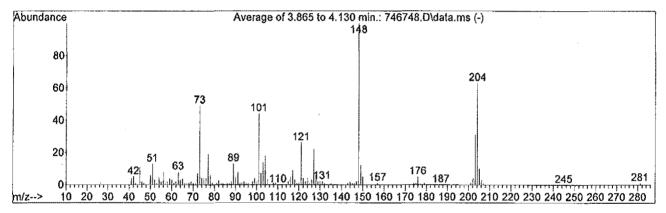
Integrator : RTE

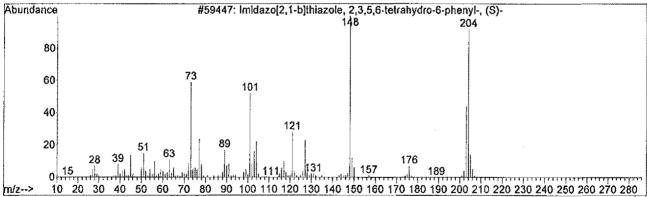
Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 85 C:\Database\PMW TOX2.L Minimum Quality: 85

C:\Database\NISTO5a.L

PK#	RT	Library/ID		CAS#	Qual
3	3.90	C:\Database\NIST05a.L Imidazo{2,1-b}thiazole, Imidazo{2,1-b}thiazole, Imidazo{2,1-b}thiazole,	2,3,5,6-tet	006649-23-6	99 99 99





File Name : C:\msdchem\1\System7\10 01 10\746748.D

Operator : ASD

Date Acquired : 2 Oct 2010 00:09

Sample Name : Submitted by :

ASD

Vial Number : 48 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 85

C:\Database\PMW_TOX2.L
C:\Database\NIST05a.L

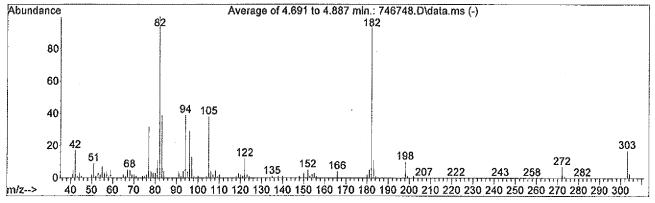
Minimum Quality: 85

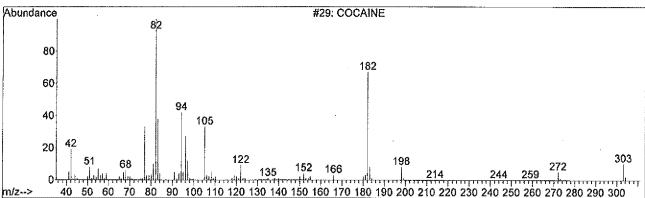
PK# RT Library/ID CAS# Qual

4 4.73 C:\Database\SLI.L COCAINE

000050-36-2

99



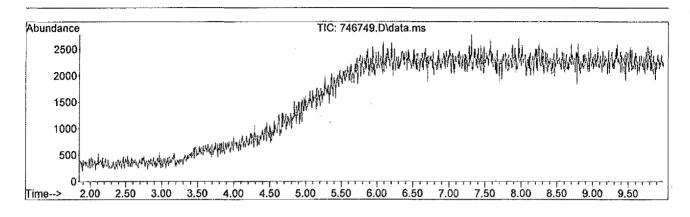


File Name : C:\msdchem\1\System7\10_01_10\746749.D

Operator : ASD

Date Acquired : 2 Oct 2010 00:22

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time Area Area % Ratio %

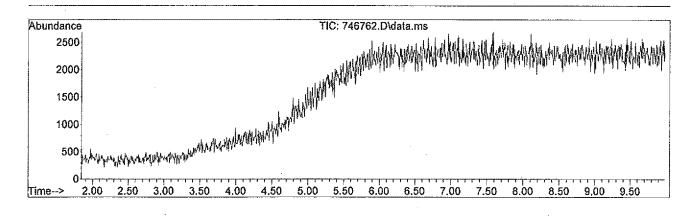
NO INTEGRATED PEAKS

File Name : C:\msdchem\1\System7\10_01_10\746762.D

Operator : ASD

Date Acquired : 2 Oct 2010 3:07

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time Area Area % Ratio %

NO INTEGRATED PEAKS

3:13

Information from Data File:

: C:/msdchem/l/System7/l0_01_10/746763.D : ASD File Name

Operator : ASD Date Acquired : 2 Oct 2010

: COCYINE SLD Sample Name

dsA : Submitted by

Vial Number : 63 WaguisitionMeth: DRUC

LE	H :	Integrator
M.SDUAG	g :uae	AcquisttionMe

	100.001	00.001	1760344	827.4
	Ratio %	Area %	Укея	Ret. Time
09'6 00'6 09'8	00.8 03.7 00.7 03.9	00'9 09'9 (3.50 4.00 4.50 5.00	
				0
				000009
			DOM:	0000001
			827.4 	1200000
	sm.ete	TIC: 746763.D/d	out i	Abundance

Folk_OIG_PRR_035422

3:19

Information from Data File:

: C:/madchem/l/System7/l0_01_10/746763.D File Name

: Yab Operator

: COCYINE SID Sample Name Date Acquired 2 Oct 2010

dsA : Submitted by

٤9 Vial Number

: BLE Integrator AcquisitionMeth: DRUGS.M.

C:/Database/SLI.L Search Libraries:

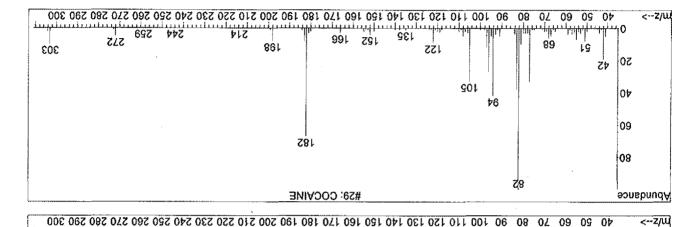
C:/Database/PMW_TOX2.L

C:/Database/NIST05a.L

Qual Library/ID CY2# bK#

000020-36-2 66 COCYINE εΓ.₽ C:/Database/SLI.L

135 155 202 222 202 269 159 89 19 303 20 75 901 16 04 09 08 182 (-) em.slsb/Q.637347 :.nim 768.4 of fe3.4 to egstevA Abundance



Minimum Quality: 85

Minimum Quality: 85

File Name : C:\msdchem\1\System7\10_01_10\746764.D

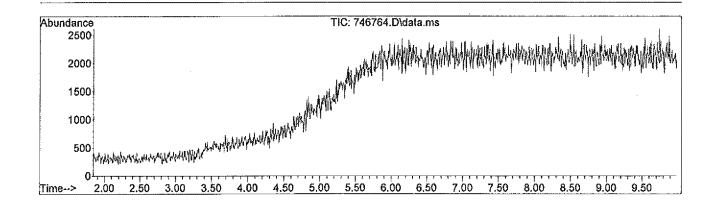
Operator : ASD

Integrator

Date Acquired : 2 Oct 2010 3:32

: RTE

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M



Ret. Time Area Area % Ratio %

NO INTEGRATED PEAKS